

Title (en)

A method for the adaptive evolution of a cell and selection for a desired phenotype by serial propagation in an emulsion based system and uses thereof

Title (de)

Verfahren zur adaptiven Entwicklung einer Zelle und Auswahl für einen gewünschten Phänotyp durch Serienausbreitung in einem emulsionsbasierten System sowie Verwendungen davon

Title (fr)

Procédé pour l'évolution adaptative d'une cellule et la sélection d'un phénotype souhaité par la propagation en série dans système à base d'émulsion et utilisations correspondantes

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Application

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Priority

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Abstract (en)

The invention provides a method for the adaptive evolution of a cell and selection for a desired phenotype by serial propagation in an emulsion based system whereby said desired phenotype is optionally; a) selection for high yield/biomass production b) increased or decreased production of primary and/or secondary metabolites c) and/or increased or decreased levels of macromolecules and d) increased levels of (genetically engineered) biotechnologically relevant products, and/or two or more different organisms that interact with each other.

IPC 8 full level

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